

3671 MV RETICULATION

## **UTILITY PLANT DASHBOARD**

Drafted by: Slingshot Consultancy
STATUS DATE: 25-May-23

Botash Project - Utility Plant - TARGET SCHEDULE Update 25 May 2023

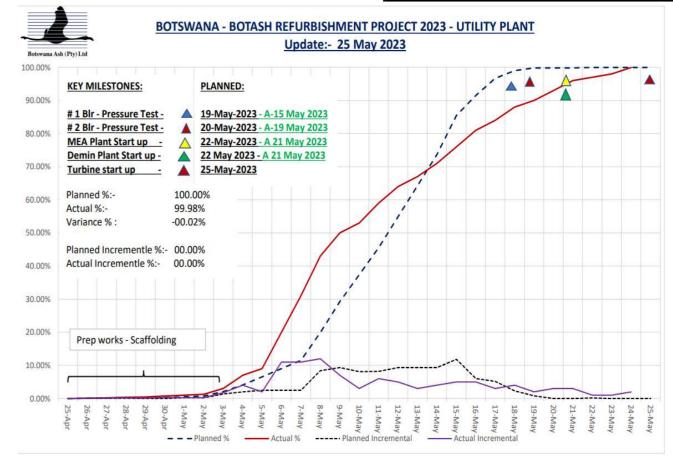
Rev 04 Drafted by: Slingshot Consultants

ID	Task Name	% Complete	Duration Start e	Start	Finish	Actual Start	Actual Finish	Baseline Start									
									Mar '23	12	19		or '23	16 2	May '2	7 14	21 2
1	BOTSWANA - BOTASH REFURBISHMENT PROJECT 2023 - UTILITY PLANT	99%	700 hrs	Wed 3/15/23	Wed 5/24/23	Wed 3/15/23	NA	Wed 3/15/23		F	12	20	-	10 2	30	-	71
2	PROJECT MILESTONES	99%	210 hrs	Wed 5/3/23	Wed 5/24/23	Wed 5/3/23	NA	Wed 5/3/23		П						+	71
40	SOLAR PONDS COOLING WATER LINE	100%	108.75 h	Mon 5/8/23	Thu 5/18/23	Mon 5/8/23	Thu 5/18/23	Mon 5/8/23		П	П				ľ	+	
56	FLUE GAS DESULPHURISATION	100%	198.75 h	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23		П					-	+	+
421	MEA SYSTEM ABSORBTION	100%	663.25 h	Wed 3/15/23	Sat 5/20/23	Wed 3/15/23	Sat 5/20/23	Wed 3/15/23		ŀ	Н		+			+	
610	MEA SYSTEM STRIPPING	100%	183.5 hr	:Wed 5/3/23	Sun 5/21/23	Wed 5/3/23	Sun 5/21/23	Wed 5/3/23							-	+	1
765	MEA SYSTEM RECLAIMER	100%	106.25 h	Fri 5/5/23	Tue 5/16/23	Fri 5/5/23	Tue 5/16/23	Fri 5/5/23							-	+	
873	#1 BOILER	100%	421.5 hr	:Mon 4/10/23	Mon 5/22/23	Mon 4/10/23	Mon 5/22/23	Sun 4/30/23							-	+	7
1785	# 2 BOILER	98%	216 hrs	Sun 4/30/23	Sun 5/21/23	Sun 4/30/23	NA	Sun 4/30/23		П					-		•
2538	COAL HANDLING PLANT	100%	159.75 h	Fri 5/5/23	Sat 5/20/23	Fri 5/5/23	Sat 5/20/23	Fri 5/5/23							-		•
2583	BOILER PLANT COMMON	100%	197.75 h	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23		П						+	7
2785	WATER TREATMENT PLANT (DEMIN PLANT)	100%	250.75 h	Thu 4/27/23	Mon 5/22/23	Thu 4/27/23	Mon 5/22/23	Thu 4/27/23		П					+	+	7
3140	INSTRUMENT AIR COMPRESSOR SYSTEM	100%	174.5 hr	Mon 5/1/23	Fri 5/19/23	Mon 5/1/23	Fri 5/19/23	Mon 5/1/23		П					-	+	
3173	STEAM AND CONDENSATE SYSTEM	100%	164.5 hr	Thu 5/4/23	Sat 5/20/23	Thu 5/4/23	Sat 5/20/23	Thu 5/4/23		П					-	+	
3413	TURBINE	100%	160.75 h	Fri 5/5/23	Sun 5/21/23	Fri 5/5/23	Sun 5/21/23	Fri 5/5/23		П					-		•
_									$\overline{}$	_	_	_	$\overline{}$	_	_	$\overline{}$	$\overline{}$

4467 LV RETICULATION	100% 61.25	hr:Thu 5/11/23 Thu 5/	/18/23 Thu 5/11/23	Thu 5/18/23 Thu 5/11/23	
UTILITY PLANT KEY MILESTONES	PLANNED	FORECAST	Variance	DAYS TO COMPLETION	TOP 5 RISKS
# 1 Blr Pressure Test	19-May-23	A 15/05/23	-3		
# 2 Blr Pressure Test	20-May-23	A 19/05/23	-1		
# 1 Blr Fires In	23-May-23	A 24/05/23	-1		
# 2 Blr - Ready (On storage)	24-May-23	26-May-23	-2		
Steam and Condensate on Pressure	23-May-23	A 24/05/23	-1		
MEA Plant ready for operation	22-May-23	A 18/05/23	-4		
Coal Plant ready for operation	22-May-23	A 24/05/23	-2		

100% 129 hrs Sat 5/6/23 Thu 5/18/23 Sat 5/6/23 Thu 5/18/23 Mon 5/8/23

				Planned %	Actual %	
PLANT SUB-AREA:	Planned	Actual	Variance	Increment	Increment	Risk
UTILITY PLANT - OVERALL	100.00%	99.98%	-0.02%	0.00%	1.98%	
FLUE GAS DESULPHURISATION	100.00%	100.00%	0.00%	1.76%	0.00%	
MEA SYSTEM ABSORBTION	100.00%	100.00%	0.00%	0.00%	0.00%	
MEA SYSTEM STRIPPING	100.00%	100.00%	0.00%	0.00%	0.00%	
MEA SYSTEM RECLAIMER	100.00%	100.00%	0.00%	0.00%	0.00%	
# 1 BOILER	100.00%	100.00%	0.00%	0.00%	0.00%	
# 2 BOILER	100.00%	98.00%	-2.00%	0.00%	4.00%	
COAL HANDLING PLANT	100.00%	100.00%	0.00%	0.00%	25.00%	
BOILER PLANT COMMON	100.00%	100.00%	0.00%	0.00%	8.00%	
WATER TREATMENT PLANT (DEMIN)	100.00%	100.00%	0.00%	0.00%	3.00%	
INSTRUMENT AIR COMPRESSOR SYSTEM	100.00%	100.00%	0.00%	0.00%	1.00%	
STEAM AND CONDENSATE SYSTEM	100.00%	100.00%	0.00%	0.00%	1.00%	
TURBINE	100.00%	100.00%	0.00%	0.00%	1.00%	
MV RETICULATION	100.00%	100.00%	0.00%	0.00%	0.00%	
LV RETICULATION	100.00%	100.00%	0.00%	0.00%	0.00%	



LOOK AHEAD SCOPE OF WORKS	POSSIBLE RISKS	MITIGATIONS ON RISKS
Blr 2 Fires in	Delay due to B Line (Compactor)	B.Line clearance
Refractory - Dry out (Blr 2)	Delay due to B Line (Compactor)	B.Line clearance
Fly Ash structures	Repairs	No impact on start up.
Scaffolding as per schedule	Scaffold removal	Daily management
Coal Handling Plant - Conveyors	Additional repair works	Can continue after outage
Blr 2 Thermo pockets	Final measurements	
Blr 2 Baghouse screw conveyors	Geared unit to finalise	
		_
	+	+